

ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v01

Title of Invention	METHOD AND STRUCTURE FOR SELECTING ANISOTROPY AXIS ANGLE OF MRAM DEVICE FOR REDUCED POWER CONSUMPTION																																																										
Submision Type :	Utility Patent Filing																																																										
Application Number:	10/710281																																																										
EFS ID:	63683																																																										
Server Response:	<table border="1"><thead><tr><th>Confirmation Code</th><th>Message</th></tr></thead><tbody><tr><td>ISVR1</td><td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td></tr><tr><td>ICON1</td><td>4280</td></tr><tr><td>USPTOEFSNot</td><td>For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/</td></tr><tr><td>IGEN77</td><td>Filename= N/A BusinessRule= The access code is not included which allows for automated processing to the deposit account. #Supporting Msg:Either <us-access-code> not found in fee-xml OR actual access code not provided in the fucntion call.</td></tr></tbody></table>			Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	4280	USPTOEFSNot	For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/	IGEN77	Filename= N/A BusinessRule= The access code is not included which allows for automated processing to the deposit account. #Supporting Msg:Either <us-access-code> not found in fee-xml OR actual access code not provided in the fucntion call.																																														
Confirmation Code	Message																																																										
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application																																																										
ICON1	4280																																																										
USPTOEFSNot	For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/																																																										
IGEN77	Filename= N/A BusinessRule= The access code is not included which allows for automated processing to the deposit account. #Supporting Msg:Either <us-access-code> not found in fee-xml OR actual access code not provided in the fucntion call.																																																										
First Named Applicant:	Philip Trouilloud																																																										
Attorney Docket Number:	FIS920040126US1																																																										
Timestamp:	2004-06-30 14:11:49 EDT																																																										
From:	US																																																										
File Listing:	<table border="1"><thead><tr><th>Doc. Name</th><th>File Name</th><th>Size (Bytes)</th><th>Date Produced (yyyymmdd)</th></tr></thead><tbody><tr><td>us-assignment</td><td>FIS920040126US1-usassn.xml</td><td>2613</td><td>2004-06-30</td></tr><tr><td>us-assignment</td><td>us-assignment.xls</td><td>8983</td><td>2004-06-30</td></tr><tr><td>us-assignment</td><td>us-assignment.dtd</td><td>10898</td><td>2004-06-30</td></tr><tr><td>us-assignment</td><td>FIS920040126US1Assignment1.tif</td><td>65482</td><td>2004-06-30</td></tr><tr><td>us-assignment</td><td>FIS920040126US1Assignment2.tif</td><td>19707</td><td>2004-06-30</td></tr><tr><td>us-assignment</td><td>FIS920040126US1Assignment3.tif</td><td>8758</td><td>2004-06-30</td></tr><tr><td>us-assignment</td><td>FIS920040126US1Assignment4.tif</td><td>9243</td><td>2004-06-30</td></tr><tr><td>us-request</td><td>FIS920040126US1-usreq.xml</td><td>4835</td><td>2004-06-30</td></tr><tr><td>us-request</td><td>us-request.dtd</td><td>19064</td><td>2004-06-30</td></tr><tr><td>us-request</td><td>us-request.xls</td><td>33300</td><td>2004-06-30</td></tr><tr><td>us-fee-sheet</td><td>FIS920040126US1-usfees.xml</td><td>2069</td><td>2004-06-30</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.xls</td><td>24912</td><td>2004-06-30</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.dtd</td><td>11069</td><td>2004-06-30</td></tr></tbody></table>			Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)	us-assignment	FIS920040126US1-usassn.xml	2613	2004-06-30	us-assignment	us-assignment.xls	8983	2004-06-30	us-assignment	us-assignment.dtd	10898	2004-06-30	us-assignment	FIS920040126US1Assignment1.tif	65482	2004-06-30	us-assignment	FIS920040126US1Assignment2.tif	19707	2004-06-30	us-assignment	FIS920040126US1Assignment3.tif	8758	2004-06-30	us-assignment	FIS920040126US1Assignment4.tif	9243	2004-06-30	us-request	FIS920040126US1-usreq.xml	4835	2004-06-30	us-request	us-request.dtd	19064	2004-06-30	us-request	us-request.xls	33300	2004-06-30	us-fee-sheet	FIS920040126US1-usfees.xml	2069	2004-06-30	us-fee-sheet	us-fee-sheet.xls	24912	2004-06-30	us-fee-sheet	us-fee-sheet.dtd	11069	2004-06-30
Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)																																																								
us-assignment	FIS920040126US1-usassn.xml	2613	2004-06-30																																																								
us-assignment	us-assignment.xls	8983	2004-06-30																																																								
us-assignment	us-assignment.dtd	10898	2004-06-30																																																								
us-assignment	FIS920040126US1Assignment1.tif	65482	2004-06-30																																																								
us-assignment	FIS920040126US1Assignment2.tif	19707	2004-06-30																																																								
us-assignment	FIS920040126US1Assignment3.tif	8758	2004-06-30																																																								
us-assignment	FIS920040126US1Assignment4.tif	9243	2004-06-30																																																								
us-request	FIS920040126US1-usreq.xml	4835	2004-06-30																																																								
us-request	us-request.dtd	19064	2004-06-30																																																								
us-request	us-request.xls	33300	2004-06-30																																																								
us-fee-sheet	FIS920040126US1-usfees.xml	2069	2004-06-30																																																								
us-fee-sheet	us-fee-sheet.xls	24912	2004-06-30																																																								
us-fee-sheet	us-fee-sheet.dtd	11069	2004-06-30																																																								

Doc. Name	File Name	Size (Bytes)	Date Produced (yyyy-mm-dd)
us-ids	FIS920040126US1-usidst.xml	1528	2004-06-30
us-ids	us-ids.dtd	7763	2004-06-30
us-ids	us-ids.xsl	12026	2004-06-30
application-body	FIS920040126US1-trans.xml	40978	2004-06-30
application-body	us-application-body.xsl	83497	2004-06-30
application-body	application-body.dtd	49498	2004-06-30
application-body	wipo.ent	4956	2004-06-30
application-body	mathml2.dtd	54588	2004-06-30
application-body	mathml2-qname-1.mod	13225	2004-06-30
application-body	isoamsa.ent	5191	2004-06-30
application-body	isoamsb.ent	3988	2004-06-30
application-body	isoamsc.ent	1460	2004-06-30
application-body	isoamsn.ent	5620	2004-06-30
application-body	isoamso.ent	1934	2004-06-30
application-body	isoamsr.ent	7073	2004-06-30
application-body	isogr3.ent	3559	2004-06-30
application-body	isomfrk.ent	4553	2004-06-30
application-body	isomopf.ent	2571	2004-06-30
application-body	isomscr.ent	4628	2004-06-30
application-body	isotech.ent	5268	2004-06-30
application-body	isobox.ent	3568	2004-06-30
application-body	isocyr1.ent	5345	2004-06-30
application-body	isocyr2.ent	2504	2004-06-30
application-body	isodia.ent	1508	2004-06-30
application-body	isolatt1.ent	5282	2004-06-30
application-body	isolat2.ent	9007	2004-06-30
application-body	isonum.ent	5913	2004-06-30
application-body	sopub.ent	6521	2004-06-30
application-body	mmlextra.ent	7901	2004-06-30
application-body	mmilalias.ent	38209	2004-06-30
application-body	soextbx.dtd	12870	2004-06-30
application-body	FIS920040126US1Drawing1.tif	9119	2004-06-30
application-body	FIS920040126US1Drawing2.tif	17009	2004-06-30
application-body	FIS920040126US1Drawing3.tif	12093	2004-06-30
application-body	FIS920040126US1Drawing4.tif	12177	2004-06-30
application-body	FIS920040126US1Drawing5.tif	12050	2004-06-30
application-body	FIS920040126US1Drawing6.tif	6183	2004-06-30
application-body	FIS920040126US1Drawing7.tif	7962	2004-06-30
application-body	FIS920040126US1Drawing8.tif	18272	2004-06-30
us-declaration	FIS920040126US1Declaration1.tif	50893	2004-06-30
us-declaration	FIS920040126US1Declaration2.tif	38964	2004-06-30
us-declaration	FIS920040126US1Declaration3.tif	60606	2004-06-30
us-declaration	FIS920040126US1Declaration4.tif	29458	2004-06-30
us-declaration	FIS920040126US1Declaration5.tif	29559	2004-06-30
us-declaration	FIS920040126US1Declaration6.tif	27153	2004-06-30
package-data	FIS920040126US1-pkda.xml	10874	2004-06-30
package-data	package-data.dtd	27025	2004-06-30
package-data	us-package-data.xls	19263	2004-06-30
Total files size			1022231

Message Digest:

Digital Certificate Holder
Name:

3e881945d6e02dfdb04ec0a2465de6b8aed93fa7

cn=Margaret A.
Pepper,ou=Registered
Attorneys,ou=Patent and
Trademark
Office,ou=Department of
Commerce,o=U.S.
Government,c=US